

House and building automation

KNX, Flush-mounted actuators



Description

SU 1 RF KNX

- 1-way wireless flush-mounted switch actuator
- Secure communication via KNX-RF with support of "KNX Data Secure"
- Adjustable features: NC/NO contact, switching, delayed switching, pulse function
- 2 binary inputs for floating contacts such as buttons, switches, temperature sensor (I2)
- The binary inputs are assigned to the switch output as standard (function test before programming)
- Integrated temperature monitoring for increased operating safety, e.g. in the event of overload

DU 1 RF KNX

- 1-way wireless flush-mounted dimming actuator
- Secure communication via KNX-RF with support of "KNX Data Secure"

- Optimised dimming output for dimmable energy-saving lamps, LEDs, incandescent and halogen lamps, and dimmable transformers.
- Easy to adapt to different lamps thanks to automatic load detection
- Adjustable dimming curve for precise and flicker-free dimming
- 2 binary inputs for floating contacts such as buttons, switches, temperature sensor (I2)
- The binary inputs are assigned to the dimming output as standard (function test before programming)
- Integrated temperature monitoring for increased operating safety, e.g. in the event of overload

JU 1 RF KNX

- 1-way wireless flush-mounted blind actuator
- For controlling drives for blinds, roller blinds, sun and vision protection devices, skylights, and ventilation flaps

- Secure communication via KNX-RF with support of "KNX Data Secure"
- Integrated automatic ventilation function
- 2 binary inputs for floating contacts such as buttons, switches, temperature sensor (I2)
- The binary inputs are assigned to the output as standard (function test before programming)
- Integrated temperature monitoring for increased operating safety, e.g. in the event of overload

Media coupler TP-RF KNX

- Connects KNX RF devices of one radio line with the KNX bus twisted-pair
- Power supply via KNX bus voltage
- Supports long frames for "KNX Secure" and enables faster download of large applications in parallel
- Ranges of max. 30 m within the building are possible
- Has a repeater function, i.e. received telegrams are sent again to increase the range

Product selection

Configuration type	Number of channels	Type	Item no.
Switch actuator	1	SU 1 RF KNX	4941620
Dimming actuator	1	DU 1 RF KNX	4941670
Blind actuator	1	JU 1 RF KNX	4941650
Media coupler TP-RF KNX	-	Media coupler TP-RF KNX	9070868

Technical data

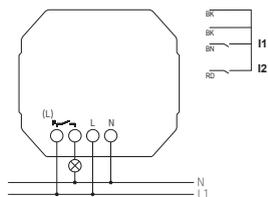
	SU 1 RF KNX	DU 1 RF KNX	JU 1 RF KNX	Media coupler TP-RF KNX
Operating voltage		230 V AC		Bus voltage
Frequency		50-60 Hz		-
Switching capacity	10 A	-	5 A	-
Incandescent/halogen lamp load	1800 W	250 W	-	-

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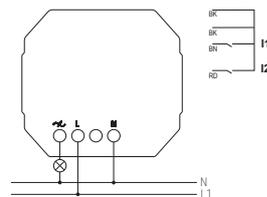
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	SU 1 RF KNX	DU 1 RF KNX	JU 1 RF KNX	Media coupler TP-RF KNX
LED lamp	600 W	250 W	–	–
Ambient temperature	–5 °C ... +45 °C			
Protection rating	IP 20			
Protection class	II			III

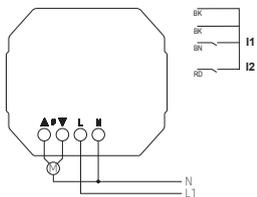
Connection example



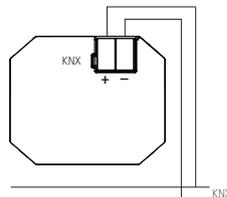
SU 1 RF KNX



DU 1 RF KNX



JU 1 RF KNX



Media coupler TP-RF KNX

Accessories



RAMSES IP65 temp. sensor
↳ Item no.: 9070459

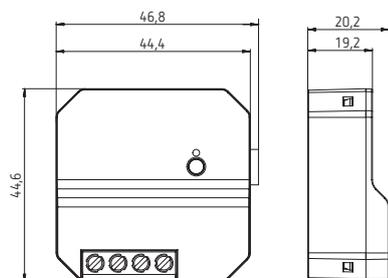


Floor sensor
↳ Item no.: 9070321

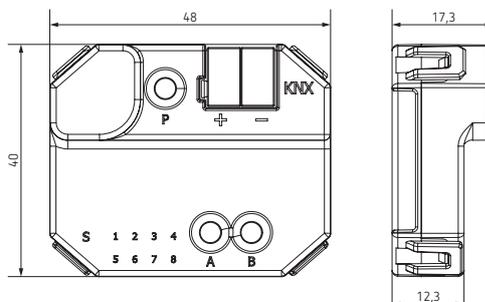


Flush-mounted temperature sensor
↳ Item no.: 9070496

Scale drawings



Flush-mounted RF KNX actuators



Media coupler TP-RF KNX